

# Enlarged COPIES of Forms PTO-1449

RIAL NUMBER

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		003493.00082	09/617,494
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT	
		Jin-Meng HO et al.	
		FILING DATE	GROUP ART UNIT
		July 14, 2000	2665-2664



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
C.S.	6,049,549	4/11/2000	Ganz et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
C.S.	WO 00/31929	6/2/2000	PCT			
C.S.	EP 0 853 407 A2	7/15/1998	EP			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C.S.	N. Ek, "IEEE 802.1 P.Q. - QoS on the MAC level," 24 April 1999, XP000864158 Retrieved from the Internet: URL: <a href="http://www.tml.hut.fi/0pinnot/Tik-110.551/1999/papers/08IEEE802.1QosInMac/qos.html">http://www.tml.hut.fi/0pinnot/Tik-110.551/1999/papers/08IEEE802.1QosInMac/qos.html</a> retrieved 6/27/2002, paragraphs 0003 - 0006					
C.S.	Y. Drabu, "A survey of QoS techniques in 802.11", Internet 'Online! January 1999, XP000864159, Retrieved from the Internet: URL: <a href="http://trident.mcs.kent.edu/ydrabu/research/wmac/mac.pdf">http://trident.mcs.kent.edu/ydrabu/research/wmac/mac.pdf</a> , retrieved on 6/27/2002, paragraphs 0001 - 03.21, 0004 - 4.2.1					

*Chen Shu*

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Application Number	09/617,494
Filing Date	July 14, 2000
First Named Inventor	Jin-Meng Ho et al.
Art Unit	2665-2664
Examiner Name	Huy-Duy Vu SHAH.C
Attorney Docket Number	003493.00082

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
C.S.		US-5,012,469		04-30-1991	Sardana	
		US-5,717,688		02-10-1998	Belanger et al.	
		US-5,787,080		07-28-1998	Huyalakar et al.	
		US-5,949,768		09-07-1999	Citta et al.	
		US-5,980,000		09-28-1999	Ruszczyk et al.	
		US-5,978,382		11-02-1999	Citta et al.	
		US-6,034,967		09-07-2000	Citta et al.	
		US-6,169,748		01-02-2001	Barbas et al.	
		US-6,228,277		05-01-2001	Chuah	
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		US-6,282,978		07-17-2001	McNamara	
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		US-6,317,438		11-13-2001	Trebes, Jr.	
		US-6,358,555		03-12-2002	Rakib et al.	
		US-6,370,153		04-09-2002	Eng	
		US-6,377,548		04-23-2002	Chuah	
		US-6,452,915		09-17-2002	Jorgensen	
		US-6,468,891		10-22-2002	Chuah	
		US-6,501,741		12-31-2002	Mikkonen et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code*	Number* - Kind Code* (if known)				
C.S.		JP	02072738 A	08-1990	Kurokawa, Takatsugu		

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number 09/617,494  
 Filing Date July 14, 2000  
 First Named Inventor Jin-Meng Ho et al.  
 Art Unit 2665  
 Examiner Name Huy-Duy Vu SHU.C  
 Attorney Docket Number 003493.00082

Sheet 2 of 3

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)				
Q.S.		US- 6,515,972		02-04-2003	Gage et al.	
		US- 6,519,462		02-11-2003	Lu et al.	
		US- 6,538,989		03-25-2003	Carter et al.	
		US- 6,542,490		04-01-2003	Ahmadvand et al.	
		US- 6,567,408		05-20-2003	Li et al.	
		US- 6,567,416		05-20-2003	Chuah	
		US- 6,577,609		08-10-2003	Sharony	
		US- 6,587,457		07-01-2003	Mikkonen	
		US- 6,587,465		07-01-2003	Dempo	
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		US- 6,625,158		09-23-2003	Shato et al.	
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

### Complete if Known

Application Number	09/617,494
Filing Date	July 14, 2000
First Named Inventor	Jin-Meng Ho et al.
Group Art Unit	2665-2664
Examiner Name	Huy-Duy Vu SHAN.C
Attorney Docket Number	003493.00082

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
C.B.S.		Aad, Imat & Castelluccio, Claude, "Introducing Service Differentiation Into IEEE 802.11", IEEE, 2000, pages 438-443.	
		Ganz, Aura & Wongthavarawat, Kitt, "IEEE 802.11 Wireless LAN Association Procedure for Multimedia Applications", IEEE, 1999, pages 1287-1291.	
		Ho, Jin-Meng & Lin, Wei, "IEEE P802.11 Wireless LANs, MediaPlex-An IEEE 802.11 Enhanced Protocol for QoS-Driven Wireless LANs", AT&T, November 2000, pages 1-25.	
		Gong, Zhijun et al., "QoS Guaranteed Wireless LAN" International Conference on Communication Technology, ICCT, October 22-24, 1998.	
		Call, F. et al., "IEEE 802.11 Wireless LAN: Capacity Analysis and protocol Enhancement, IEEE 1998.	
		Deng, Dr-Jium & Chang, Ruay-Shiung, "A Priority Scheme for IEEE 802.11 DCF Access Method", IEICE Trans. Commun., Vol. E82-B, No. 1, January 1999.	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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### Complete if Known

Application Number	09/617,494
Filing Date	July 14, 2000
First Named Inventor	Jin-Meng Ho et al.
Art Unit	2665-2664
Examiner Name	Huy Duy Vu - SHAN. C
Attorney Docket Number	003493.00082

Sheet 1 of 1

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A.S.S		US-2002/0159418	10-31-2002	Rudnick et al.	
		US-2002/0163928	11-07-2002	Rudnick et al.	
		US-5,384,777	01-24-1995	Almadi et al.	
		US-5,581,544	12-03-1996	Hamada et al.	
		US-5,644,576	07-01-1997	Bauchot et al.	
		US-5,644,715	07-01-1997	Baughner	
		US-5,729,542	03-17-1998	Dupont	
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		US-5,793,747	08-11-1998	Kline	
		US-5,970,062	10-19-1999	Bauchot	
		US-6,115,380	09-05-2000	Chuah	
		US-6,181,684	01-30-2001	Turcotte et al.	
		US-6,404,738	06-11-2002	Reininger et al.	
		US-6,507,587	01-14-2003	Bahl	
		US-6,857,965	12-02-2003	Shaffer et al.	
		US-6,704,932	03-09-2004	Matsunaga et al.	
		US-			
		11C.			

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

2

Application Number

09/617,494

Filing Date

July 14, 2000

First Named Inventor

Jin-Meng Ho

Art Unit

2665 2664

Examiner Name

Huy-Duy Vu SHAH.C

Attorney Docket Number

003493.00082

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)				
C.S.S.		US-5,623,495		04-22-1997	Eng et al.	
C.S.S.		US- 5,982,748		11-09-1999	Yin et al.	
		US-				
		US-				

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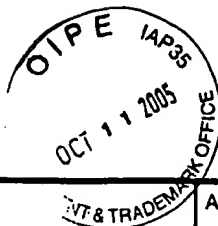
Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Application Number	09/617,494
		Filing Date	July 14, 2000
		First Named Inventor	Jin-Meng Ho
		Art Unit	2665-2664
		Examiner Name	Huy-Duy Vu SMH. C
		Attorney Docket Number	003943.00082
Sheet 2	of 2		

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
QSS		Gong, Ahijun et al., "QoS Guaranteed Wireless LAN", International Conference on Communication Technology (ICCT '98), October 22-24, 1998, Beijing, China.

*Chun-Ho* 10/24/05

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## Form PTO-1449

## Information Disclosure Citation

Attorney Docket

2000-0401

Application No.

09/617,494

Applicant

Jin-Meng HO *et al.*

Examiner

Chirag G. SHAH

Application Filing Date

July 14, 2000

Group Art Unit

2664

## U.S. Patent Documents

Examiner Initials	Cite	Patent / Application Number	Date	Name	Class	Sub-Class	Filing Date
C.S.	A	6,567,408	5/2003	Li <i>et al.</i>			
	B	6,262,976	7/2001	McNamara			
	C	6,600,744	7/2003	Carr <i>et al.</i>			
	D	6,538,989	3/2003	Carter <i>et al.</i>			
	E	6,625,156	9/2003	Shaio <i>et al.</i>			
	F	6,452,915	9/2002	Jorgensen			
	G	6,317,438	11/2001	Trebes, Jr.			
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	J						
	K						

## Foreign Patent Documents

Examiner Initials	Cite	Document Number	Date	Country	Name	Class	Sub-Class	Translation
C.S.	L	JP02072736A	3-1990	JP	Kurokawa			
	M							
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	O							
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## Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

	Q	
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1/2/2004 from 2000-0396

<b>Form PTO-1449</b>  <b>Information Disclosure Citation</b>				Attorney Docket 2000-0401		Application No. 09/617,494	
				Applicant Jin-Meng HO <i>et al.</i>		Examiner Chirag G. SHAH	
				Application Filing Date July 14, 2000		Group Art Unit 2664	

U.S. Patent Documents							
Examiner Initials	Cite	Patent / Application Number	Date	Name	Class	Sub-Class	Filing Date
C.S.S	A	5,717,688	2/1998	Belanger <i>et al.</i>			
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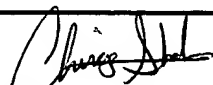
  

Foreign Patent Documents								
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	M							Yes No
	N							Yes No
	O							Yes No
	P							Yes No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)		
C.S.S	Q	Cali <i>et al.</i> "IEEE 802.11 Wireless LAN: Capacity Analysis and Protocol Enhancement," <i>IEEE</i> , 0-7803-4386-7/98, pages 1-8, 1998.
C.S.S	R	Deng <i>et al.</i> "A Priority Scheme for IEEE 802.11 DCF Access Method," <i>IEICI Trans. Comm.</i> , Vol. E82-B, No. 1, pp. 96-102, January 1999.
	S	

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

5/13/2004 from 2000-0398

<b>Form PTO-1449</b>  <b>Information Disclosure Citation</b>				Attorney Docket 2000-0401		Application No. 09/617,494	
				Applicant Jin-Meng HO <i>et al.</i>		Examiner Chirag G. SHAH	
				Application Filing Date July 14, 2000		Group Art Unit 2664	

U.S. Patent Documents							
Examiner Initials	Cite	Patent / Application Number	Date	Name	Class	Sub-Class	Filing Date
C.S.S.	A	5,623,495	4/1997	Eng <i>et al.</i>			
C.S.S.	B	5,982,748	11/1999	Yin <i>et al.</i>			
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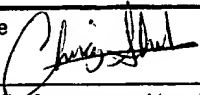
  

Foreign Patent Documents								
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	P							Yes No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)		
C.S.S.	Q	Zhijun, Gong, <i>et al.</i> "QoS guaranteed Wireless LAN—Wireless access to ATM", <i>International Conference on Communication Technology, ICCT'98</i> , October 22-24, 1998, Beijing, China, pages S31-11-1 through S31-11-5.
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

6/21/2004 from 2000-0403

## Form PTO-1449

## Information Disclosure Citation

Attorney Docket

2000-0401

Application No.

09/617,494

Applicant

Jin-Meng HO *et al.*

Examiner

Chirag G. SHAH

Application Filing Date

July 14, 2000

Group Art Unit

2664

## U.S. Patent Documents

Examiner Initials	Cite	Patent / Application Number	Date	Name	Class	Sub-Class	Filing Date
C.S.S.	A	6,366,577	4-2002	Donovan			
	B	5,638,371	6-1997	Raychaudhuri <i>et al.</i>			
	C	6,728,365	4-2004	Li <i>et al.</i>			
	D	6,738,361	5-2004	Immonen <i>et al.</i>			
	E	6,628,629	9-2003	Jorgenson			
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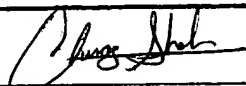
## Foreign Patent Documents

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	P							Yes No

## Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

C.S.S.	Q	RFC 2814, Yavatkar <i>et al.</i> , "SBM (Subnet Bandwidth Manager)", May 2000, www.ietf.org.					
C.S.S.	R	RFC 2205, Braden <i>et al.</i> , "Resource Reservation Protocol (RSVP)", September 1997, www.ietf.org.					
	S						

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10/13/2004 from 2000-0406

<b>Form PTO-1449</b>  <b>Information Disclosure Citation</b>				Attorney Docket 2000-0401		Application No. 09/617,494	
				Applicant Jin-Meng HO <i>et al.</i>		Examiner Chirag G. SHAH	
				Application Filing Date July 14, 2000		Group Art Unit 2664	

U.S. Patent Documents							
Examiner Initials	Cite	Patent / Application Number	Date	Name	Class	Sub-Class	Filing Date
0.55 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	A	6,411,611	06/2002	van der Tuijn			
	B	6,741,576	05/2004	Alimi <i>et al.</i>			
	C	6,747,968	06/2004	Seppala <i>et al.</i>			
	D	6,785,252	08/2004	Zimmerman <i>et al.</i>			
	E	6,119,214	09/2000	Dirks			
	F	6,738,361	05/2004	Immonen <i>et al.</i>			
	G	6,597,682	07/2003	Kari			
	H	6,115,390	09/2000	Chuah			
	I	6,034,967	03/2000	Citta			
	J	6,765,872	07/2004	Tazaki			
	K	6,704,321	03/2004	Kamiya			
	↓	L	6,563,793	05/2003	Golden <i>et al.</i>		

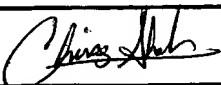
  

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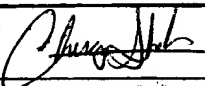
  

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10/13/2004 from 2000-0404

<b>Form PTO-1449</b>  <b>Information Disclosure Citation</b>				Attorney Docket <b>2000-0401</b>		Application No. <b>09/617,494</b>		
				Applicant <b>Jin-Meng HO et al.</b>		Examiner <b>Chirag G. SHAH</b>		
				Application Filing Date <b>July 14, 2000</b>		Group Art Unit <b>2664</b>		
<b>U.S. Patent Documents</b>								
Examiner Initials	Cite	Patent / Application Number	Date	Name	Class	Sub-Class	Filing Date	
C-S ↓ V	A	5,949,768	09-1999	Citta <i>et al.</i>				
	B	6,377,548	04-2002	Chuah				
	C	6,567,416	05-2003	Chuah				
	D	6,587,453	07-2003	Romans <i>et al.</i>				
	E	6,704,932	03-2004	Matsunaga <i>et al.</i>				
	F	6,747,968	06-2004	Seppala <i>et al.</i>				
	G	6,754,176	06-2004	Gubbi <i>et al.</i>				
	H	6,788,950	09-2004	Raissinia <i>et al.</i>				
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	J							
	K							
<b>Foreign Patent Documents</b>								
Examiner Initials	Cite	Document Number	Date	Country	Name	Class	Sub-Class	Translation
	L							Yes No
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